



Safety Data Sheet

May 4, 2015

Surge Industrial™ Hard Surface Cleaner

Section 1: Identification of the Substance/Preparation & of the Company

Product Identifier

Product Name

Surge Industrial™ Hard Surface Cleaner

Other Means of Identification

None

Recommended use of the chemical and restrictions on use

Recommended Use Industrial Hard Surface Cleaner – various applications

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Premalux, LLC
300 Lena Drive
Aurora, Ohio 44202

Supplier Phone #

1-330-995-4000

Emergency Telephone Number

Emergency Phone

For Medical Emergencies contact your local physician

Numbers

For Transportation Emergencies, call Chemtrec: 1-800-424-9300

Section 2: Hazards Identification

Classification

This mixture is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| | |
|----------------------------|------------|
| Eye Corrosion / Irritation | Category 2 |
|----------------------------|------------|

GHS Label elements, including precautionary statements

Emergency Overview

| | | | |
|---|-----------------------------------|-------------|-------------|
| Signal Word | Caution | | |
| Hazard Statements Eye Irritant | No Pictogram Required | | |
| Appearance Clear to light yellow / amber | Physical State Thin liquid | Odor | Soapy, mild |

Precautionary Statement – Prevention

None

Precautionary Statements – Response

If eye contact occurs, rinse eyes with water for 5 minutes – remove contact lenses if present – and rinse eyes for 15 more minutes. If eye irritation persists, seek medical help.

Precautionary Statements – Storage

None

Precautionary Statements – Disposal

None

Hazards not otherwise classified

Not applicable

Unknown Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

None

Interactions with Other Chemicals

None known

Section 3: Composition / Information on Ingredients

| Chemical Name | CAS-No | Weight % | Trade Secret |
|--|------------|-----------|--------------|
| Alkyl polyglycol ether C6-C12 | 68439-45-2 | 0.2 – 0.4 | |
| Laurylmyristyl polyglycol ether w/ EO & PO | 68439-51-0 | 1.0 – 1.5 | * |
| Alkylpolyglycoside C8-C10 | 68515-73-1 | 0.6 – 0.9 | * |
| Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy- | 34398-01-1 | 1.0 - 1.4 | * |
| Sodium Lauriminodipropionate | 14960-06-6 | 0.5 – 0.9 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret

Section 4: First Aid Measures

First Aid Measures

| | |
|-----------------------|--|
| General Advice | Show this safety data sheet to the doctor in attendance |
| Eye Contact | Hold eye open & rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. |
| Skin Contact | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. |
| Inhalation | Move to fresh air. If breathing is affected, call a doctor. |
| Ingestion | Call a poison control center or doctor immediately for treatment advice. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person. |

Most important symptoms and effects, both acute and delayed

| | |
|--|----------------------------------|
| Most important Symptoms/Effects | Mild irritation on eyes and skin |
|--|----------------------------------|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|-----------------------|
| Notes to Physician | Treat symptomatically |
|---------------------------|-----------------------|

Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available

Explosion Data

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Flash Point Will NOT burn. Will NOT support flame.
Water-based product.

Protective Equipment & Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with eyes & skin

Other Information Refer to protective measures in Sections 7 and 8

Environmental Precautions

Environmental Precautions See section 12 for additional ecological information

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Care must be taken if spilled on surfaces as they may become extremely slippery.

Methods for Cleaning Up Contain liquid, absorb & containerize. Wash residual to sanitary sewer.

Section 7: Handling and Storage

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing. Do not eat, drink, or smoke when using this product. Wash hands after handling.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a cool, dry and well-ventilated space.

Incompatible Products None known.

Section 8: Exposure Control/ Personal Protection

Control Parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--|-----------|----------|------------|
| Alkyl polyglycol ether C6-C12 | None | None | None |
| Laurylmyristyl polyglycol ether w/ EO & PO | None | None | None |
| Alkylpolyglycoside C8-C10 | None | None | None |
| Poly(oxy-, 2-ethanediyl), a-undecyl-w-hydroxy- | None | None | None |
| Sodium Lauriminodipropionate | None | None | None |

ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value. OSHA PEL: Occupation Safety & Health Administration – Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate Engineering Controls

Engineering Measures Showers, Eyewash Stations, Ventilation Systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur, wear safety glasses with side-shields. None required for consumer use.

Skin/Body Protection No special protective equipment required

Respiratory Protection If irritation is experienced, approved respiratory protection should be worn in accordance with local regulations.

Hygiene Measures Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink, or smoke when using this product.

Section 9: Physical and Chemical Properties

Physical and Chemical Properties

| | | | |
|-----------------------|---------------------------|-----------------------|--------------------------|
| Physical State | Thin liquid | Odor | Soapy, Mild |
| Appearance | Clear | Odor Threshold | No information available |
| Color | Light yellow, light amber | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks / Method</u> |
|-----------------------------------|-------------------|-------------------------|
| pH | 7.2 – 7.6 | None known |
| Melting / Freezing Point | Freeze 32°F / 0°C | None known |
| Boiling Point / Range | 212°F / 100°C | None known |
| Flash Point | No data available | None known |
| Evaporation Rate | slower | Butyl acetate std. |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limits in Air | No data available | None known |
| Upper Flammability Limit | No data available | None known |
| Lower Flammability Limit | No data available | None known |
| Vapor Pressure | No data available | None known |
| Vapor Density | No data available | None known |

| | | |
|---|--------------------|------------|
| Specific Gravity | ~ 1.01 | None known |
| Water Solubility | Completely soluble | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition Temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Kinematic Viscosity | No data available | None known |
| Dynamic Viscosity | No data available | None known |
| Explosive Properties | Not Explosive | |
| Oxidizing Properties | No data available | |

Other Information

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | No data available |
| Particle Size | No data available |
| Particle Size Distribution | No data available |

Section 10: Stability and Reactivity

Reactivity

No data available.

Chemical Stability

Product remains stable in all conditions – most stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to avoid

None known

Incompatible materials

Water-based product. Strong oxidizers, strong caustics, strong acids

Hazardous Decomposition Products

None. Solids will concentrate up if boiled.

Section 11: Toxicological Information

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | Exposure to vapor or mist may irritate respiratory tract. |
| Eye Contact | May cause eye irritation. |
| Skin Contact | Prolonged contact may cause irritation. |
| Ingestion | Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea, vomiting and diarrhea. |

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes and skin redness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available

Mutagenic Effects No information available

Carcinogenicity Contains no ingredients listed as a carcinogen according to NTP, IARC or OSHA

Reproductive Toxicity No information available

STOT – single exposure No information available

STOT – repeated exposure No information available

Chronic Toxicity No known effect

Target Organ Effects Respiratory system, eyes, skin, gastrointestinal tract (GI)

Aspiration Hazard No information available

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document Not applicable

Section 12: Ecological Information

Ecotoxicity

No information available

Persistence and Degradability

Solution is environmentally metabolized within 30 days – OECD301B

Bioaccumulation

No information available

Other Adverse Effects

No information available

Section 13: Disposal Considerations

Disposal Methods

This product is considered safe and is residential sewer-able. Dispose of in accordance with all applicable federal, state and local regulations.

Contaminated Packaging

Do not reuse containers. Dispose of in accordance with all applicable federal, state and local regulations.

Section 14: Transport Information

Class 55 – 80 Non-Hazardous Product depending on package

| | |
|------------------------|---------------|
| <u>DOT</u> | Not regulated |
| <u>TDG</u> | Not regulated |
| <u>ICAO</u> | Not regulated |
| <u>IATA</u> | Not regulated |
| <u>IMDG/IMO</u> | Not regulated |

Section 15: Regulatory Information

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or are otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL.

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List / Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does NOT contain any chemicals which are subject to the reporting requirements of the Act of Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312

| | |
|--|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or SARA (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------|------------|---------------|--------------|--------------|----------|
| none | | | | | |

International Regulations

Canada

WHMIS Hazard Class – None

Section 16: Other Information

HMIS CODES: Health Hazard - 1
Flammability – 0
Physical Hazard - 0 -
Personal Protection - X

DATE PREPARED: 05/07/2015

NAME OF PREPARER: DH

REVISION DATE: New

REVISION NOTE: New

General Disclaimer

CAUTION: Intentional misuse of this chemical product, as with any industrial chemical in contact with the body, can be harmful or fatal. This includes such things as deliberately breathing , placing in mouth, swallowing, placing on skin, or any other contact, or repeated or continuous contact.

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